

AMENDMENTS TO THE CLAIMS

Applicant submits below a complete listing of the current claims, including marked-up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing. This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (Currently amended) A system for detecting ~~time~~ an exceeding of time conditions of at least one application executed by a processor, comprising:

[[an]] a storage element for storing the time conditions, wherein said time conditions being comprise deadlines and are sorted by an increasing deadline order;

a register for storing [[the]] a time condition closest to [[the]] a current date of the system; and

a comparator ~~of the~~ for comparing a deadline of the time condition contained in said register with the current date of the system to provide an interrupt if the current date of the system exceeds the deadline.

2. (Currently amended) The system of claim 1, further comprising a timer for calculating the current date of the system, said timer being separate from a counter used by the ~~application processing~~ processor.

3. (Currently amended) The system of claim 1, wherein said storage element contains, with each stored time condition, an identifier of ~~the concerned~~ an application with which the time condition is associated.

4. (Original) The system of claim 1, wherein said storage element contains, with each time condition, an identifier of a monitored type of event.

5. (Original) A system for managing rights of use of a digital content linked to at least one time condition, exploiting the detection system of claim 1.

6. (Currently amended) ~~[[A]] The method for controlling the detection system of claim [[1]] 9 comprising, upon each execution of a new application, of:~~

~~inputting [[the]] ~~corresponding~~ a time condition corresponding to the new application into said storage element ~~in its place in the~~ so as to maintain storing the time conditions in said storage element in the increasing deadline order; and~~

~~updating said register if the new time condition is the closest to the current date.~~

7. (Currently amended) The method of claim ~~[[6]] 9~~, comprising, at each stop of ~~[[an]] the at least one~~ application being executed, ~~of:~~

~~updating the storage element by [[the]] deleting ~~of the~~ a time condition ~~from the~~ ~~concerned~~ corresponding to the at least one application; and~~

~~updating said register if the deleted time condition has ~~the closest~~ a deadline closest to the current date by placing in said register a next time condition from the time conditions stored in the storage element.~~

8. (Canceled)

9. (New) A method for detecting an exceeding of time conditions of at least one application executed by a processor, comprising:

storing the time conditions in a storage element, wherein the time conditions comprise deadlines and are sorted by an increasing deadline order;

storing a time condition closest to a current date in a register; and

comparing a deadline of the time condition contained in the register with the current date to provide an interrupt to the processor if the current date exceeds the deadline.

10. (New) The method of claim 9 further comprising storing, in the storage element, for a time condition, an identifier for an application with which the time condition is associated.